

FORM PTO-1390 (Modified)  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

Metal 1319-WCG

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

**10/501449**INTERNATIONAL APPLICATION NO.  
**PCT/EP02/13496**INTERNATIONAL FILING DATE  
**29.November.2002 (29.11.2002)**PRIORITY DATE CLAIMED  
**14 .December.2001 (14.12.2001)**

TITLE OF INVENTION

**METHOD FOR THERMALLY DECOKING A ZEOLITE CATALYST**

APPLICANT(S) FOR DO/EO/US

**Hermann BACH, Harald KOMPEL, Peter TRABOLD, Peter KONIG, Walter BOLL, Henning BUCHOLD, Frank HOPER**

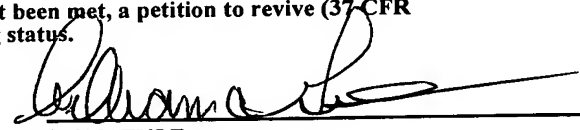
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☒ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail Label No. **EV 424017770 US**
23. ☒ Other items or information:

**Application Data Sheet**  
**Letter to the Official Draftsperson**  
**Express Mail Certificate**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.51(b)(2))		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/501449		PCT/EP02/13496		Metal 1319-WCG	
24. The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . .				\$1060.00	
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO . . . . .				\$900.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . .				\$750.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . .				\$720.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) . . . . .				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	23 - 20 =	3	x \$18.00	\$54.00	
Independent claims	2 - 3 =	0	x \$84.00	\$0.00	
Multiple Dependent Claims (check if applicable).			<input checked="" type="checkbox"/>	\$290.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,264.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$1,264.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
TOTAL NATIONAL FEE =				\$1,264.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).			<input type="checkbox"/>	\$0.00	
TOTAL FEES ENCLOSED =				\$1,264.00	
				Amount to be: refunded	\$
				charged	\$
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 14-1263 in the amount of \$1,264.00 to cover the above fees.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1263					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
27368					
William C. Gerstenzang					
Norris McLaughlin & Marcus, P.A.					
220 East 42nd Street, 30th Floor					
New York, NY 10017					
					
SIGNATURE					
William C. Gerstenzang					
NAME					
27,552					
REGISTRATION NUMBER					
July 13, 2004					
DATE					

10/501 449

DT11 Rec'd PCT/PTO 13 JUL 2004

Metal 1319-WCG  
2001 0036 US

INTERNATIONAL APPLICATION NO.: PCT/EP02/13495

APPLICANTS: Hermann BACH et al

TITLE: PROCESS FOR THE THERMAL DECOKING OF A ZEOLITE CATALYST

**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number EV 424017770 US

Date of Deposit : July 13, 2004

I hereby certify that the following items:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)  
Concerning a Filing Under 35 U.S.C. 371 (in duplicate)  
**-CHARGE DEPOSIT ACCOUNT \$1,264**
2. English language translation of international application
3. copy of International Search Report
4. Information Disclosure Statement, form PTO-1449, cited references
5. First Preliminary Amendment
7. Second copy of published international application
8. Second copy of English language translation of international application
9. Application Data Sheet
10. Letter to the Official Draftsperson
11. Express Mail Certificate
12. Self-Addressed Postcard

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By Julie Harting  
Julie Harting

10/501449

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Express Mail Label No. EV 42401770 US  
Date of Deposit July 13, 2004

Meta 19-WCG  
2001 0036 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hermann BACH, et al  
PCT Application No. : PCT/EP02/13495  
Serial No. : To be assigned  
Filed : Herewith  
For : PROCESS FOR THE THERMAL DECOKING OF A ZEOLITE CATALYST  
Art Unit : To be assigned  
Examiner : To be assigned

July 13, 2004

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

LETTER TO THE OFFICIAL DRAFTSMAN

Submitted herewith for entry and approval is one (1) sheet of formal drawing (FIG. 1) in the above-referenced application.

Respectfully submitted,

NORRIS, McLAUGHLIN & MARCUS, P.A.

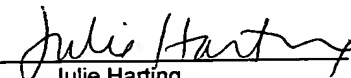
By 

William C. Gerstenzang  
Reg. No. 27,552

WCG/jh  
Enc. - Formal Drawing (1 sheet)

220 East 42<sup>nd</sup> Street  
30<sup>th</sup> Floor  
New York, New York 10017  
Phone: (212) 808-0700  
Fax: (212) 808-0844

I hereby certify that this correspondence is being deposited with sufficient postage with the United States Postal Services as Express Mail, Label No. EV 424017770 US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 13, 2004

By   
Julie Harting  
Date July 13, 2004